Journal of Immunological Methods, 150 (1992) 1–2

© 1992 Elsevier Science Publishers B.V. All rights reserved 0022-1759/92/$05.00

Vol. 150, nos. 1–2, 1992 Special Issue

CONTENTS

Introduction 3

Enzyme immunoassay techniques. An overview
T. Porstmann and S.T. Kiessig (Germany) 5
Amplification systems in immunoenzymatic techniques
S. Avrameas (France) 23
Immunoenzymatic techniques applied to the specific detection of nucleic acids. A review
J.-L. Guesdon (France) 33
A multiple luminescent procedure for the detection of different papillomaviruses on dot blots
Y. Chikhaoui, P. Balaguer, B. Terouanne, A.-M. Boussioux and J.-C. Nicolas (France) 51
Titration of antibodies
D.M. Kemeny (UK) 57
The physical and functional behavior of capture antibodies adsorbed on polystyrene
J.E. Butler, L. Ni, R. Nessler, K.S. Joshi, M. Suter, B. Rosenberg, J. Chang, W.R. Brown and L.A. Cantarero (USA, Switzerland) 77
Homogeneous enzyme immunoassay
S.H. Jenkins (USA) 91
CEDIA in vitro diagnostics with a novel homogeneous immunoassay technique. Current status and future prospects
W.D. Engel and P.L. Khanna (Germany, USA) 99
Statistical properties of immunoanalytic system
M. Delaage, J.M. Compiano, J. Barbet, A. Artus and P. Prince (France) 103
Artifacts and limitations of enzyme immunoassay
A.J. Pesce and J.G. Michael (USA) 111
Diagnostics for the tropical countries
G.P. Talwar, K. Banerjee, P.P. Reddi, M. Sharma, A. Qadri, S.K. Gupta, R. Mukherjee, R. Ray, S. Ghosh, N. Deka, M.D. Sharma, K. Aparna and P.S. Khandekar (India) 121
Tumour markers in oncology: past, present and future
H. Magdelénat (France) 133
The use of catalyzed reporter deposition as a means of signal amplification in a variety of formats
M.N. Bobrow, G.J. Litt, K.J. Shaughnessy, P.C. Mayer and J. Conlon (USA) 145
Modern histochemical methods using enzymes as markers
P.K. Nakane (Japan) 151
Detection of cell-surface molecules, secreted products of single cells and cellular proliferation by enzyme immunoassay
J.D. Sedgwick and C. Czerkinsky (Germany, Sweden) 159
Diagnosis of autoimmune diseases
P. Druet (France) 177
Contributions of peroxidase immunocytochemistry in the ultrastructural detection of membrane bound antigens
N.K. Gonatas, J.O. Gonatas and A. Stieber (USA) 185
Dinitrophenyl (DNP) hapten sandwich staining (DHSS) procedure. A 10 year review of its principle reagents and applications
B. Jasani, N.D. Thomas, H. Navabi, D.M. Millar, G.R. Newman, J. Gee and E.D. Williams (UK) 193

Reverse ELISPOT assay for clonal analysis of cytokine production. II. Enumeration of interleukin-1-secreting cells by amplified (avidin-biotin anti-peroxidase) assay
I. Nordström and B. Ferrua (Sweden, France) 199

New immunoenzyme-cytochemical stainings for the in situ detection of epitope specificity and isotype of antibody forming B cells in experimental and natural (auto)immune responses in animals and man
E. Claassen, K. Gerritse, J.D. Laman and W.J.A. Boersma (Netherlands) 207

Announcement from the publisher 217

Notes to authors 219